



1751  
PATENT  
TS-0969 (US)  
KLM:KNL

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*Kim Muller*

Kim Muller

Date: August 3, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )

JOSE L. BRAVO )

Serial No. 09/758,899 )

Filed January 11, 2001 )

VERTICAL EXTENDING LIQUID/LIQUID )

CONTACTING COLUMN )

Group Art Unit: )

Examiner: )

Docket No.: TS-0969 )

August 3, 2001

HONORABLE COMMISSIONER FOR PATENTS  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56 AND 1.97**

Sir:

Attached are copies of documents recently cited in the examination of a corresponding foreign patent application. The documents are listed on attached modified Form PTO-1449.

For a foreign language document or documents, an English language translation is provided where it is readily available to Applicants' attorney. If no translation is available, an English language counterpart, where available, is provided or an English language abstract, where available, is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

JOSE L. BRAVO

By

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FORM PTO-1449 (Modified for Citation of Foreign  
Cited References)ATTY DOCKET NO.  
TS-0969 (US)SERIAL NO.  
09/758,899LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
JOSE L. BRAVOFILING DATE  
January 11, 2001

GROUP



## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date*	Patentee	Date* Cited in Foreign Patent Office
	AA	4,627,941	9-12-86	Bentham	17-7-01
	AB	4,550,000	29-10-85	Bentham	17-7-01
	AC	2,051,545	18-8-36	Collins	17-7-01
	AD	4,336,106	22-6-82	G. Winter III	17-7-01

## FOREIGN PATENT DOCUMENTS

		Document No.	Country	Date*	Date* Cited in Foreign P.O.	English Translation Yes No	
	AF	737,498	EP	16-10-96	17-7-01		
	AG	495,418	EP	22-7-92	17-7-01		
	AH						
	AI						
	AL						

## OTHER PUBLICATIONS (AUTHOR, TITLE, DATE\*, PLACE OF PUBLICATION, PERTINENT PAGES)

			Date* Cited in Foreign P.O.	English Translation Yes No	
	AO				
	AR				
	AS				

## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

	AU	International Search Report dated July 17, 2001
	AV	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to Applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

\*Date when provided in xx/yy/zz format represents DAY/MONTH/YEAR.